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Bernd KIRSCHBAUM et al.FILING DATE  
May 7, 2001GROUP  
1632JC971 U.S. PTO  
09/849243

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	A1	0 451 700	10-1991	Europe			
	A2	93/15213	08-1993	WIPO			
	A3	96/09311	03-1996	WIPO			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	A4		C.M. CHIANG et al., "The EMBO Journal" vol. 12 no. 7, <u>Unique TATA-binding protein-containing complexes</u> <u>and cofactors involved in transcription by RNA polymerases II and III</u> , pp. 2749-2762, (1993)				
	A5		Q. ZHOU et al., "Genes and Development", <u>Factors (TAFs) required for activated transcription interact with</u> <u>TATA box-binding protein conserved core domain</u> , pp. 160-187, (02/1993)				
	A6		A. TRIVEDI et al., "Molecular and Cellular Biology" vol. 16 no. 12, <u>TATA-Binding Protein Is Limiting for both</u> <u>TATA-Containing and TATA-Lacking RNA Polymerase III Promoters in Drosophila Cells</u> , pp. 6909-6916, (12/96)				
	A7		J. COLGAN et al., "Genes and Development", <u>TFIID can be rate limiting in vivo for TATA-containing, but not</u> <u>TATA-lacking, RNA polymerase II promoters</u> , pp. 304-315, (02/1992)				
	A6		S.Y. WU et al., "BioTechniques/Research Reports" vol. 21 no. 4, <u>Establishment of Stable Cell Lines Expressing</u> <u>Potentially Toxic Proteins by Tetracycline-Regulated and Epitope-Tagging Methods</u> , pp. 716-722 & 724-725, (10/1996)				
	A9		G.O. BRYANT et al., <u>Radical mutations reveal TATA-box binding protein surfaces required for activated</u> <u>transcription in vivo</u> , 4 pages, (1/10/96)				
	A10		G.C. TELLING, "Protein Science" vol 6, <u>N-terminally tagged prion protein supports prion propagation in</u> <u>transgenic mice</u> , pp. 825-833, (1997)				
	A11		C.P. LANDEL, "Genetic Analysis, Techniques and Applications" No. 3, <u>The Production of Transgenic Mice by</u> <u>Embryo Microinjection</u> , pp. 83-94, (05/1991)				

XAMINER \_\_\_\_\_ DATE CONSIDERED \_\_\_\_\_

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## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

A12		H. Van Der Putten, et al, "Proc. Natl. Acad. Sci., USA", <u>Efficient insertion of genes into the mouse germ line via retroviral vectors</u> , 82, pp. 6148-6152, September 1985
A13		T. Uetsuki, et al., "The Journal of Biological Chemistry", <u>Isolation and Characterization of the Human Chromosomal Gene for Polypeptide Chain Elongation Factor-1a*</u> , 264/10, pp. 5791-5798, 4/5/1989
A14		M.G. Peterson, et al., "Science", <u>Functional Domains and Upstream Activation Properties of Cloned Human TATA Binding Protein</u> , 24, pp. 1625-1630, 6/29/1990
A15		K.F. Stringer, et al., "Nature", <u>Direct and selective binding of an acidic transcriptional activation domain to the TATA-box factor TFIID</u> , 345, pp. 783-786, 6/28/1990
A16		D. Jahner, et al., "Proc. Natl. Acad. Sci. USA", <u>Insertion of the bacterial gpt gene into the germ line of mice by retroviral infection</u> , 82, pp. 6927-6931, 10/1995
A17		R.L. Brinster, et al., "Proc. Natl. Acad. Sci. USA", <u>Factors affecting the efficiency of introducing foreign DNA into mice by microinjecting eggs</u> , 82, pp. 4438-4442, 07/1985
A18		B. Cavallini, et al., "Proc. Natl. Acad. Sci USA", <u>Cloning of the gene encoding the yeast protein BTF1Y, which can substitute for the human TATA box-binding factor</u> , 88, pp. 9803-9807, 12/1989
A19		M. L. Muhich et al., "Proc. Natl. Acad. Sci. USA", <u>cDNA clone encoding Drosophila transcription factor TFIID</u>
		87, pp. 9148-9152, 12/1990
A20		G.K. McMaster, et al, "Proc. Natl. Acad., Sci. USA", <u>Analysis of single- and double-stranded nucleic acids on polyacrylamide and agarose gels by using glyoxal and acridine orange</u> , 74/11, pp. 4835-4838, 11/1977

EXAMINER

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	A21		S. Buratowski, et al., "Nature", <u>Function of a yeast TATA element-binding protein in a mammalian transcription system</u> , 334, pp. 37-42, 7/7/1988
	A22		C.C. Kao, et al., "Science", <u>Cloning of a Transcriptionally Active Human TATA Binding Factor</u> , 248, pp. 1646-1650, 1990
	A23		A. Hoffman, et al., "Nature", <u>Highly conserved core domain and unique N terminus with presumptive regulatory motifs in a human TATA factor (TFIID)</u> , 346, pp. 387-391, 7/26/1990
	A24		E. Hochuli, et al., "CHROM. 19.939", <u>New Metal Chelate Adsorbent Selective for Proteins and Peptides Containing Neighbouring Histidine Residues</u> , pp. 177-184, 1987
	A25		R.G. Roeder, "TIBS 21", <u>The role of general initiation factors in transcription by RNA polymerase II</u> , pp. 327-335, 9/1996
	A26		P.A. Kolodziej, et al., "Methods of Enzymology", <u>Epitope Tagging and Protein Surveillance</u> , 194/35, pp. 509-519, 1991
	A27		T. Hoey, et al., "Cell", <u>Isolation and Characterization of the Drosophila Gene Encoding the TATA Box Binding Protein, TFIID</u> , 61, pp. 1179-1186, 6/29/1990
	A28		M. Sawadogo, et al., "Cell", <u>Interaction of a Gene-Specific Transcription Factor with the Adenovirus Major Late Promoter Upstream of the TATA Box Region</u> , 43, pp. 165-175, 11/1985
	A29		J.L. Chen, et al., "Cell", <u>Assembly of Recombinant TFIID Reveals Differential Coactivator Requirements for Distinct Transcriptional Activators</u> , 79, pp. 93-105, 10/7/1994
EXAMINER			DATE CONSIDERED

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE <i>4</i>			ATTY DOCKET NO. 26083/173		SERIAL NO. NEW			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)								
	A30		B. Lewin, "Cell", <u>Commitment and Activation at Pol II Promoters: A Tail of Protein-Protein Interactions</u> ,					
			61, pp. 1161-1164, 6/29/1990					
	A31		A.J. Berk, et al., "Cell", <u>Sizing and Mapping of Early Adenovirus mRNAs by Gel Electrophoresis of S1</u>					
			<u>Endonuclease-Digested Hybrids</u> , 12, pp. 721-732, 11/1977					
	A32		S. Lichtsteiner, et al., "Cell", <u>The Interplay of DNA-Binding Proteins on the Promoter of the Mouse Albumin</u>					
			<u>Gene</u> , 51, pp. 963-973, 12/1987					
	A33		K. Gorski, et al., "Cell", <u>Tissue-Specific in Vitro Transcription from the Mouse Albumin Promoter</u> , 47,					
			pp. 767-776, 12/5/1986					
	A34		J. Colgan, et al., "Genes & Development", <u>TFIID can be rate limiting in vivo for TATA-containing, but not</u>					
			<u>TATA-lacking, RNA polymerase II promoters</u> , 6, pp. 304-315, 1992					
	A35		R. Hori, et al., "Current Opinion in Genetics and Development", <u>The role of activators in assembly of RNA</u>					
			<u>polymerase II transcription complexes</u> , 4, pp. 236-244, 1994					
	A36		S.Y. Wu, et al., "BioTechniques", <u>Establishment of Stable Cell Lines Expressing Potentially Toxic Proteins</u>					
			<u>by Tetracycline-Regulated and Epitope-Tagging Methods</u> , 21/4, pp. 718-725, 10/1996					
	A37		D.M. Stone, et al., "Nature", <u>The tumour-suppressor gene patched encodes a candidate receptor for</u>					
			<u>Sonic hedgehog</u> , 384, pp. 129-134, 11/14/1996					
	A38		M. May, et al., "The EMBO Journal", <u>Human TAF 28 promotes transcriptional stimulation by activation function</u>					
			<u>2 of the retinoid X receptors</u> , 15/12, pp. 3093-3104, 1996					
EXAMINER				DATE CONSIDERED				

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE  <i>S</i>		ATTY DOCKET NO. 26083/173	SERIAL NO. NEW		
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## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

A39		A. Bertolotti, et al., "The EMBO Journal", <u>hTAF 68, a novel RNA/ssDNA-binding protein with homology to the pro-oncoproteins TLS/FUS and EWS is associated with both TFIID and RNA polymerase II</u> , 15/18, pp. 5022-5031, 1996
A40		M. Gstaiger, et al., "The EMBO Journal", <u>The B cell coactivator Bob1 shows DNA sequence-dependent complex formation with Oct-1/Oct-2 factors, leading to differential promoter activation</u> , 15/11, pp. 2781-2790, 1996
A41		R.H. Lovell-Badge, "Teratocarcinomas and Embryonic Stem Cells", <u>Introduction of DNA into embryonic stem, cells</u> , chapter 6, pp. 153-182, 1987
A42		A. Bradley, "Teratocarcinomas and Embryonic Stem Cells", <u>Production and analysis of chimaeric mice</u> , chapter 5, pp. 113-151, 1987
A43		E.J. Robertson, "Teratocarcinomas and Embryonic Stem Cells, A practical approach", <u>Embryo-derived stem cell lines</u> , chapter 4, pp. 71-112, 1987
A44		T. Tamura, et al., "Nucleic Acids Research", <u>Striking homology of the 'variable' N-terminal as well as the 'conserved core'</u> , domains of the mouse and human TATA-factors (TFIID), 19/14, pp. 3861-3865, 7/1991
A45		B.J. Kirschbaum, et al., "Molecular and Cellular Biology", <u>Definition of the Transcriptional Activation Domain of Recombinant 43-Kilodalton USF</u> , 12/11, pp. 5094-5101, 11/1992
A46		J.D. Dignam, et al., "Nucleic Acids Research", <u>Accurate transcription initiation by RNA polymerase II in a soluble extract from isolated mammalian nuclei</u> , 11/5, pp. 1475-1489, 1983
A47		L. Zawel, et al., "Annu. Rev. Biochem.", <u>Common Themes in Assembly and Function of Eukaryotic Transcription Complexes</u> , 64, pp. 533-561, 1995
EXAMINER		DATE CONSIDERED

Sheet \_\_\_\_\_

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE  <i>6</i>			ATTY DOCKET NO. 26083/173		SERIAL NO. NEW				
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)									
	A48		S. Forss-Petter, et al., "Neuron", <u>Transgenic Mice Expressing B-Galactosidase in Mature Neurons under Neuron-Specific Enolase Promoter Control</u> , 5, pp. 187-197, August 1990						
	A49		K. Hanaoka, et al., "Differentiation", <u>A stable cellular marker for the analysis of mouse chimeras: the bacterial chloramphenicol acetyltransferase gene driven by the human elongation factor 1x promoter</u> , 48, pp. 183-189, 1991						
	A50		R. Jaenisch, "Science", <u>Transgenic Animals</u> , 240, pp. 1468-1474, 6/10/1988						
	A51		C.L. Stewart, et al., "The EMBO Journal", <u>Expression of retroviral vectors in transgenic mice obtained by embryo infection</u> , 6/2, pp. 383-388, 1987						
	A52		A. Gossler, et al., "Proc. Natl. Acad. Sci. USA", <u>Transgenesis by means of blastocyst-derived embryonic stem cell lines</u> , 83, pp. 9065-9069, 12/1986						
	A53		R.D. Palmiter, "Cell", <u>Differential Regulation of Metallothionein-Thymidine Kinase Fusion Genes in Transgenic Mice and Their Offspring</u> , 29, pp. 701-710, 6/1982						
	A54		A. Bradley, et al., "Nature", <u>Formation of germ-line chimaeras from embryo-derived teratocarcinoma cell lines</u> , 309, pp. 255-258, 5/17/1984						
	A55		D. Jahner, et al., "Nature", <u>De novo methylation and expression of retroviral genomes during mouse embryogenesis</u> , 298, pp. 823-828, 8/12/1982						
	A56		M.J. Evans, et al., "Nature", <u>Establishment in culture of pluripotential cells from mouse embryos</u> , 292, pp. 154-156, 7/9/1981						

Sheet

U.S. DEPARTMENT OF COMMERCE			ATTY DOCKET NO. 26083/173		SERIAL NO. NEW		
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	A57		R.D. Palmiter, "Experientia Supplementum", <u>Molecular Biology of Metallothionein Gene Expression</u> , 52,				
			pp. 63-80, 1967				
	A58		<u>C.M. Chiang, et al., "The EMBO Journal", Unique TATA-binding protein-containing complexes and cofactors involved in transcription by RNA polymerases II and III</u> , 12/7, pp. 2749-2763, 1993				
	A59		<u>H. Serizawa, et al., "Transcription: Mechanisms and Regulations", Transcription Initiation by Mammalian RNA Polymerase II</u> , Chapter 3, pp. 26-43, 1994				
	A60		<u>G. Mengus, et al., "The EMBO Journal", Cloning and characterization of HTAF 18, hTAF 20, and hTAF 28: three subunits of the human transcription factor TFIID</u> , 14/7, pp. 1520-1531, 1995				
	A61		<u>F. Sauer, et al., "Science", Multiple TAFs Directing Synergistic Activation of Transcription</u> , 270,				
			pp. 1783-1788, 12/15/1995				
	A62		<u>A. Trivedi, et al., "Regular and Cellular Biology", TATA-Binding Protein Is Limiting for both TATA-Containing and TATA-Lacking RNA Polymerase III Promoters in Drosophila Cells</u> , 16/12, pp. 6909-6916, 12/1996				
	A63		<u>S.Y. Wu, et al., "BioTechniques", Establishment of Stable Cell Lines Expressing Potentially Toxic Proteins by Tetracycline-Regulated and Epitope-Tagging Methods</u> , 21/4, pp. 718-725, 10/1996				
	A64		<u>Q. Zhou, et al., "Genes &amp; Development", Factors (TAFs) required for activated transcription interact with TATA box-binding protein conservcd core domain</u> , 7, pp. 180-187, 1993				
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Group Art Unit	1632
Examiner Name	A. Baker
Attorney Docket Number	38005-148

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	A65	Bishop, J.O., Chromosomal insertion of foreign DNA. <i>Reprod. Nutr. Dev.</i> 36:607-618 (1996).	
	A66	Eyestone, W.H., Production and breeding of transgenic cattle using in vitro embryo production technology. <i>Theriogenology</i> 51:509-517 (1999).	
	A67	Houdebine, L.M. and D. Chourrout, Transgenesis in fish. <i>Experientia</i> 47:891-897 (1991).	
	A68	Kaiser, K., G. Stelzer, and M. Meisterernst, The coactivator p15 (PC4) initiates transcriptional activation during TFIIA-TFIID-promoter complex formation, EMBO J. 14:3520-3527 (1995).	
	A69	Matsui, T., J. Segall, P.A. Weil, and R.G. Roeder, Multiple factors required for accurate initiation of transcription by purified RNA polymerase II, <i>J. Biol. Chem.</i> 255:11992-11196 (1980).	
	A70	Meisterernst, M., A.L. Roy, H.M. Lieu, and R.G. Roeder, Activation of class II gene transcription by regulatory factors is potentiated by a novel activity. <i>Cell</i> 66:981-993 (1991).	
	A71	Nakajima, N., M. Horikoshi, and R.G. Roeder, Factors involved in specific transcription by mammalian RNA polymerase II: purification, genetic specificity, and TATA box-promoter interactions of TFIID. <i>Mol. Cell Biol.</i> 8:4028-4040 (1988).	

Examiner  
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	A72	Workman, J.L. and R.G. Roeder, Binding of transcription factor TFIID to the major late promoter during in vitro nucleosome assembly potentiates subsequent initiation by RNA polymerase II. Cell 51:613-622 (1987) (abstract only supplied).
	A73	Scott, M.J., L.L. Pan, S.B. Cleland, A.L. Knox, and J. Heinrich, MSL1 plays a central role in assembly of the MSL complex, essential for dosage compensation in Drosophila. EMBO J. 19:144-155 (2000).
	A74	Wojtaszek, P.A., L.E. Heasley, G. Siriwardana, and T. Berl, Dominant-negative c-Jun NH <sub>2</sub> -terminal kinase 2 sensitizes renal inner medullary collecting duct cells to hypertonicity-induced lethality independent of organic osmolyte transport. J. Biol. Chem. 273:800-804 (1998).
	A75	Hammer et al. Spontaneous inflammatory disease in transgenic rats expressing HLA-B27 and human b2m: An animal model of HLA-B27-associated human disorders. Cell 63: 1099-1112, 11-90.
	A76	Mullins et al. Fulminant hypertension in transgenic rats harbouring the mouse Ren-2 gene. Nature 344: 541-544, 4-90.
	A77	Mullins et al. Expression of the DBA/2J Ren-2 gene in the adrenal gland of transgenic mice. EMBO J. 8(13): 4065-4072, 1989.
	A78	Taurog et al. HLA-B27 in inbred and non-inbred transgenic mice. J. Immunol. 141: 4020-4023, 1988.

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A 79		Wall, RJ Transgenic livestock: Progress and prospects for the future. Theriogenology 45: 57-68, 1996.	

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